S. Toma, P. E. Mangiante, G. Margarino, G. Nicolo and R. Palumbo	121	Progressive 13-*cis*-retinoic acid dosage in the treatment of oral leukoplakia
P. Laine, J. H. Meurman, J. Tenovuo, H. Murtomaa, C. Lindqvist, S. Pyrhönen and L. Teerenhovi	125	Salivary flow and composition in lymphoma patients before, during and after treatment with cytostatic drugs
Sheng-Lin Li, Myong Soo Kim, H. M. Cherrick and No-Hee Park	129	Low p53 level in immortal, non-tumorigenic oral keratinocytes harboring HPV-16 DNA
E. Munck-Wikland, R. Kuylenstierna, M. Lind, J. Lindholm, A. Nathanson and G. Auer	135	The prognostic value of cytometric DNA analysis in early stage tongue cancer
D. Saranath, R. G. Panchal, R. Nair, A. R. Mehta, V. D. Sanghavi and M. G. Deo	139	Amplification and overexpression of epidermal growth factor receptor gene in human oropharyngeal cancer
Feature Articles		
No-Hee Park, Sheng-Lin Li, Jing-Feng Xie and H. M. Cherrick	145	*In vitro* and animal studies of the role of viruses in oral carcinogenesis
N. de Vries, N. van Zandwijk and U. Pastorino	153	Chemoprevention in the management of oral cancer: EUROSCAN and other studies
Book Review		
C. Scully	159	*Histological Typing of Odontogenic Tumours* By I. R. H. Kramer, J. J. Pindborg and M. Shear
Bibliography	161	Recent papers related to oral oncology

VOLUME 29B, LIST OF CONTENTS

NUMBER 1

Reviews		
M. V. Martin	1	Irradiation mucositis: a reappraisal
D. T. W. Wong	3	TGF-α and oral carcinogenesis
G. Shklar and J. Schwartz	9	Oral cancer inhibition by micronutrients. The experimental basis for clinical trials
C. La Vecchia, S. Franceschi, F. Levi, F. Lucchini and E. Negri	17	Diet and human oral carcinoma in Europe
Papers		
F. Chiesa, P. Boracchi, N. Tradati, N. Rossi, L. Costa, R. Giardini, M. Marazza and S. Zurrida	23	Risk of preneoplastic and neoplastic events in operated oral leukoplakias
G. Dadian, P. G. Riches, D. C. Henderson, K. MacLennan, A. Lorentzos, J. Moore, J. R. Hobbs and M. E. Gore	29	Immune changes in peripheral blood resulting from locally directed interleukin-2 therapy in squamous cell carcinoma of the head and neck
O. Hansen, J. A. Sørensen, S. J. Siemssen and H. Poulsen	35	Importance of the time interval between radiotherapy and surgery in oral cancer
P. Stevenson-Moore and J. B. Epstein	39	The management of teeth in irradiated sites
T. Zheng, P. Boyle, W. C. Willett, H. Hu, J. Dan, T. V. Evstifeeva, S. Niu and B. MacMahon	45	A case-control study of oral cancer in Beijing, People's Republic of China. Associations with nutrient intakes, foods and food groups
H. S. Maniar, S. A. Desai, S. V. Chiplunkar, M. K. Amin, R. S. Rao and S. G. Gangal	57	Modulation of tumour associated antigen expressed on human squamous cell carcinoma cell lines by recombinant interferon-α
W. A. Yeudall, L. K. Torrance, K. A. Elsegood, P. Speight, C. Scully and S. S. Prime	63	*ras* Gene point mutation is a rare event in premalignant tissues and malignant cells and tissues from oral mucosal lesions
S. A. Desai, H. S. Maniar, R. S. Rao, A. R. Fakih and S. G. Gangal	69	Modulatory effect of cytokines on natural killer and antibody dependent cellular cytotoxicity directed to squamous cell carcinoma targets by lymphocytes from oral cancer patients

S. Toma, P. E. Mangiante, G. Margarino, G. Nicolo and R. Palumbo	121	Progressive 13-*cis*-retinoic acid dosage in the treatment of oral leukoplakia
P. Laine, J. H. Meurman, J. Tenovuo, H. Murtomaa, C. Lindqvist, S. Pyrhönen and L. Teerenhovi	125	Salivary flow and composition in lymphoma patients before, during and after treatment with cytostatic drugs
Sheng-Lin Li, Myong Soo Kim, H. M. Cherrick and No-Hee Park	129	Low p53 level in immortal, non-tumorigenic oral keratinocytes harboring HPV-16 DNA
E. Munck-Wikland, R. Kuylenstierna, M. Lind, J. Lindholm, A. Nathanson and G. Auer	135	The prognostic value of cytometric DNA analysis in early stage tongue cancer
D. Saranath, R. G. Panchal, R. Nair, A. R. Mehta, V. D. Sanghavi and M. G. Deo	139	Amplification and overexpression of epidermal growth factor receptor gene in human oropharyngeal cancer
Feature Articles		
No-Hee Park, Sheng-Lin Li, Jing-Feng Xie and H. M. Cherrick	145	*In vitro* and animal studies of the role of viruses in oral carcinogenesis
N. de Vries, N. van Zandwijk and U. Pastorino	153	Chemoprevention in the management of oral cancer: EUROSCAN and other studies
Book Review		
C. Scully	159	*Histological Typing of Odontogenic Tumours* By I. R. H. Kramer, J. J. Pindborg and M. Shear
Bibliography	161	Recent papers related to oral oncology

VOLUME 29B, LIST OF CONTENTS

NUMBER 1

Reviews		
M. V. Martin	1	Irradiation mucositis: a reappraisal
D. T. W. Wong	3	TGF-α and oral carcinogenesis
G. Shklar and J. Schwartz	9	Oral cancer inhibition by micronutrients. The experimental basis for clinical trials
C. La Vecchia, S. Franceschi, F. Levi, F. Lucchini and E. Negri	17	Diet and human oral carcinoma in Europe
Papers		
F. Chiesa, P. Boracchi, N. Tradati, N. Rossi, L. Costa, R. Giardini, M. Marazza and S. Zurrida	23	Risk of preneoplastic and neoplastic events in operated oral leukoplakias
G. Dadian, P. G. Riches, D. C. Henderson, K. MacLennan, A. Lorentzos, J. Moore, J. R. Hobbs and M. E. Gore	29	Immune changes in peripheral blood resulting from locally directed interleukin-2 therapy in squamous cell carcinoma of the head and neck
O. Hansen, J. A. Sørensen, S. J. Siemssen and H. Poulsen	35	Importance of the time interval between radiotherapy and surgery in oral cancer
P. Stevenson-Moore and J. B. Epstein	39	The management of teeth in irradiated sites
T. Zheng, P. Boyle, W. C. Willett, H. Hu, J. Dan, T. V. Evstifeeva, S. Niu and B. MacMahon	45	A case-control study of oral cancer in Beijing, People's Republic of China. Associations with nutrient intakes, foods and food groups
H. S. Maniar, S. A. Desai, S. V. Chiplunkar, M. K. Amin, R. S. Rao and S. G. Gangal	57	Modulation of tumour associated antigen expressed on human squamous cell carcinoma cell lines by recombinant interferon-α
W. A. Yeudall, L. K. Torrance, K. A. Elsegood, P. Speight, C. Scully and S. S. Prime	63	*ras* Gene point mutation is a rare event in premalignant tissues and malignant cells and tissues from oral mucosal lesions
S. A. Desai, H. S. Maniar, R. S. Rao, A. R. Fakih and S. G. Gangal	69	Modulatory effect of cytokines on natural killer and antibody dependent cellular cytotoxicity directed to squamous cell carcinoma targets by lymphocytes from oral cancer patients

E. Munck-Wikland, J-O. Fernberg, R. Kuylenstierna, J. Lindholm and G. Auer — 75 — Proliferating cell nuclear antigen (PCNA) expression and nuclear DNA content in predicting recurrence after radiotherapy of early glottic cancer

D. Collangettes, P. Chollet and Y. Fonck — 81 — Oral florid papillomatosis

Letter
S. M. Lichtman — 83 — Oral complaints in older cancer patients

Bibliography — 85 — Recent papers related to oral oncology

NUMBER 2

Reviews
A. D. Ramsay and N. Rooney — 99 — Lymphomas of the head and neck 1: nasofacial T-cell lymphoma

N. Yamanaka — 103 — Immunomodulatory serum components in head and neck cancer

D. Saranath, L. T. Bhoite and M. G. Deo — 107 — Molecular lesions in human oral cancer: the Indian scene

Papers
G. Valente, V. Vercellino, L. Corradi, A. Tardy, O. Bertetto, E. Pomatto and G. Palestro — 113 — Histopathological findings after preoperative chemo-radiotherapy in oral and oropharyngeal carcinoma. A study of 28 resected specimens

S. Mak-Kregar, G. Baris, J. V. Lebesque, A. J. M. Balm, A. A. M. Hart and F. J. M. Hilgers — 119 — Radiotherapy of tonsillar and base of the tongue carcinoma. Prediction of local control

B. E. McCartan and M. Crowley — 127 — Oral cancer in Ireland, 1984–1988

L. R. Eversole and J. P. Sapp — 131 — c-*myc* Oncoprotein expression in oral precancerous and early cancerous lesions

U. Hørding, H. W. Nielsen, H. Albeck and S. Daugaard — 137 — Nasopharyngeal carcinoma: histopathological types and association with Epstein–Barr virus

H.-J. Günzl, H. Horn, R. Schücke and K. Donath — 141 — Prognostic value of PCNA and cytokeratins for radiation therapy of oral squamous cell carcinoma

A. W. Ranasinghe, K. A. A. S. Warnakulasuriya and N. W. Johnson — 147 — Low prevalence of expression of p53 oncoprotein in oral carcinomas from Sri Lanka associated with betel and tobacco chewing

D. J. Sleeman, A. Paterson and J. W. Eveson — 151 — Desmoplastic fibroma of the maxillary alveolus

Letter
P. Gabriele, M. Airoldi, G. Succo, V. Brando and M. G. Ruo Redda — 153 — Undifferentiated nasopharyngeal-type carcinoma in a nurse handling cytostatic agents

Book Review
C. Scully — 155 — *Atlas of Diseases of the Oral Mucosa.* Editor J. J. Pindborg

Bibliography — 157 — Recent papers related to oral oncology

NUMBER 3

Reviews
I. R. H. Kramer, J. J. Pindborg and M. Shear — 169 — The World Health Organization histological typing of odontogenic tumours. Introducing the second edition

L. R. Eversole — 173 — On the differential diagnosis of clear cell tumours of the head and neck

T. Vijayakumar, K. R. Shanavas and D. M. Vasudevan — 181 — Immunological phenomena in human oral carcinoma in India

Papers

P. A. Reichart, A. Langford-Kuntz and H.-D. Pohle	187	Epidemic oro-facial Kaposi's sarcoma (eKS)—report on 124 cases
J. B. Epstein and K. H. Stewart	191	Radiation therapy and pain in patients with head and neck cancer
M. R. McKenzie, F. L. W. Wong, J. B. Epstein and M. Lepawsky	201	Hyperbaric oxygen and postradiation osteonecrosis of the mandible
M. Tabata, A. Langford, J. Becker and P. A. Reichart	209	Distribution of immunocompetent cells in oral Kaposi's sarcoma (AIDS)
M. Cox, N. Maitland and C. Scully	215	Human herpes simplex-1 and papillomavirus type 16 homologous DNA sequences in normal, potentially malignant and malignant oral mucosa
C. M. Ledesma, A. M. Taylor, E. R. de León, M. de la Piedra Garza, P. G. Jaukin and J. P. Robertson	221	Adenomatoid odontogenic tumour with features of calcifying epithelial odontogenic tumour. (The so-called combined epithelial odontogenic tumour.) Clinico-pathological report of 12 cases
C. Scully, J. W. Eveson, H. Witherow, A. H. Young, R. S. Tan and E. D. Gilby	225	Oral presentation of lymphoma: case report of T-cell lymphoma masquerading as oral Crohn's disease, and review of the literature
Bibliography	231	Recent papers related to oral oncology

NUMBER 4

Reviews

J. B. Epstein and M. M. Schubert	243	Management of orofacial pain in cancer patients
S. Thomas and J. Kearsley	251	Betel quid and oral cancer: a review
Y. Jin and F. Mertens	257	Chromosome abnormalities in oral squamous cell carcinomas

Papers

S. Thomas and A. Wilson	265	A quantitative evaluation of the aetiological role of betel quid in oral carcinogenesis
S. Störkel, T. Reichert, K. A. Reiffen and W. Wagner	273	EGFR and PCNA expression in oral squamous cell carcinomas—a valuable tool in estimating the patient's prognosis
R. G. Steinbeck, J. Moege, K. M. Heselmeyer, W. Klebe, W. Neugebauer, B. Borg and G. U. Auer	279	DNA content and PCNA immunoreactivity in oral precancerous and cancerous lesions
J. B. Matthews, C. Scully, A. Jovanovic, I. Van der Waal, W. A Yeudall and S. S Prime	285	Relationship of tobacco/alcohol use to p53 expression in patients with lingual squamous cell carcinomas
P. O. Laine, J. C. Lindqvist, S. O. Pyrhönen, L. M. Teerenhovi, S. M. Syrjänen and J. H. Meurman	291	Lesions of the oral mucosa in lymphoma patients receiving cytostatic drugs
E. Raubenheimer, W. van Heerden, J. Dauth and T. van der Walt	295	Salivary immunoglobulin related proteins in 24 patients with multiple myeloma
T. E. Axéll	299	Oral mucosal changes related to smokeless tobacco usage: research findings in Scandinavia
C. S. Downer and P. M. Speight	303	E-cadherin expression in normal, hyperplastic and malignant oral epithelium
E. Giertsen and A. Aa. Scheie	307	*In vivo* effects of fluoride, chlorhexidine and zinc ions on acid formation by dental plaque and salivary mutans streptococcus counts in patients with irradiation-induced xerostomia
J. Schwartz, G. Shklar and D. Trickler	313	p53 in the anticancer mechanism of vitamin E

Case Report

Y. Tajima, N. Shionoya, K. Fujita and N. Utsumi	319	Epidermoid carcinoma originating from the gingival sulcus

VOLUME 28B, AUTHOR INDEX

Airoldi, M. 109
Auer, G. 135

Barzan, L. 97
Bongioannini, G. 109
Boracchi, P. 97
Boyle, P. 87
Brand, M. 43
Brasure, J. 9
Bussi, M. 109

Camerini, T. 97
Carrassi, A. 97
Cavalot, A. 109
Cherian, T. 113
Cherrick, H. M. 129, 145
Chiesa, F. 97
Clerici, M. 97
Costa, A. 97

De Palo, G. 97
Deo, M. G. 139
Dimitroulis, G. 23
Downer, M. C. 45

Eveson, J. W. 7
Evstifeeva, T. V. 29

Field, J. K. 17, 67
Formelli, F. 97

Giardini, R. 97
Graham, S. 9

Haughey, B. P. 9
Howard, P. J. 17

Jing-Feng Xie 145
Jovanovic, A. 37

Kittas, C. 39
Koplowsky, A. 43
Kostense, P. J. 37
Kuriakose, M. 113
Kuylenstierna, R. 135

Laine, P. 125
Laine, P. O. 103
Laskaris, G. 39
Lee, M. W. 91
Lind, M. 135
Lindholm, J. 135
Lindqvist, C. 125
Lindqvist, J. C. 103

Mangiante, P. E. 121
Marazza, M. 97
Margarino, G. 121
Mariani, L. 97
Marshall, J. R. 9
McMichael, A. J. 91
Mehta, A. R. 139
Meurman, J. H. 103, 125
Minn, F. L. 97
Mitus, J. 43
Munck-Wikland, E. 135
Murtomaa, H. 125
Myong Soo Kim 129

Nair, M. K. 113
Nair, R. 139
Nathanson, A. 135
Nicolo, G. 121
No-Hee Park 129, 145
North, B. 91

O'Shea, R. 9
Orecchia, R. 109
Owens, W. 17

Palumbo, P. 121
Panchal, R. G. 139
Pastorini, A. 97
Pastorino, U. 153
Prime, S. S. 113
Pyrhönen, S. 125
Pyrhönen, S. O. 103

Ragona, R. 109
Reade, P. 23
Rosenthal, D. 43

Rossi, N. 97
Ryan, P. 91

Sanghavi, V. D. 139
Sankaranarayanan, M. 113
Saranath, D. 139
Schulten, E. A. J. M. 37
Scully, C. 39, 57, 87, 113, 159
Seifert, G. 49
Seifert, G. J. 5
Shedd, D. 9
Sheng-Lin Li 129, 145
Snow, G. B. 37
Sola, B. 109
Sonis, S. 43
Speight, P. M. 45
Stell, P. M. 17
Stergiou, G. 39
Strand-Pettinen, I. M. 103
Sugar, A. W. 113

Teerenhovi, L. 125
Teerenhovi, L. M. 103
Tenovuo, J. 125
Toma, S. 121
Tradati, N. 97

Valente, G. 109
Veronesi, U. 97
Vries, N. de 153

Waal, I. van der 37
West, D. 9
Wiesenfeld, D. 23
Wilkinson, G. S. 9

Yeudall, W. A. 61

Zakrzewska, J. 45
Zandwijk, N. van 153
Zaridze, D. G. 29
Zurrida, S. 97

VOLUME 29B, AUTHOR INDEX

Airoldi, M. 153
Albeck, H. 137
Amin, M. K. 57
Auer, G. 75
Auer, G. U. 279
Axéll, T. E. 299

Balm, A. J. M. 119
Baris, G. 119
Becker, J. 209
Bertetto, O. 113
Bhoite, L. T. 107
Boracchi, P. 23
Borg, B. 279
Boyle, P. 45
Brando, V. 153

Chiesa, F. 23
Chiplunkar, S. V. 57
Chollet, P. 81

Collangettes, D. 81
Corradi, L. 113
Costa, L. 23
Cox, M. 215
Crowley, M. 127

Dadian, G. 29
Dan, J. 45
Daugaard, S. 137
Dauth, J. 295
Deo, M. G. 107
Desai, S. A. 57, 69
Donath, K. 141
Downer, C. S. 303

Elsegood, K. A. 63
Epstein, J. B. 39, 191, 201, 243
Eversole, L. R. 131, 173
Eveson, J. W. 151, 225
Evstifeeva, T. V. 45

Fakih, A. R. 69
Fernberg, J.-O. 75
Fonck, Y. 81
Franceschi, S. 17
Fujita, K. 319

Gabriele, P. 153
Gangal, S. G. 57, 69
Giardini, R. 23
Giertsen, E. 307
Gilby, E. D. 225
Gore, M. E. 29
Günzl, H.-J. 141

Hansen, O. 35
Hart, A. A. M. 119
Heerden, W. van 295
Henderson, D. C. 29
Heselmeyer, K. M. 279
Hilgers, F. J. M. 119

Hobbs, J. R. 29
Hording, U. 137
Horn, H. 141
Hu, H. 45

Jaukin, P. G. 221
Jin, Y. 257
Johnson, N. W. 147
Jovanovic, A. 285

Kearsley, J. 251
Klebe, W. 279
Kramer, I. R. H. 169
Kuylenstierna, R. 75

La Vecchia, C. 17
Laine, P. O. 291
Langford, A. 209
Langford-Kuntz, A. 187
Lebesque, J. V. 119
Ledesma, C. M. 221
León, E. R. de 221
Lepawsky, M. 201
Levi, F. 17
Lichtman, S. M. 83
Lindholm, J. 75
Lindqvist, J. C. 291
Lorentzos, A. 29
Lucchini, F. 17

MacLennan, K. 29
MacMahon, B. 45
Maitland, N. 215
Mak-Kregar, S. 119
Maniar, H. S. 57, 69
Marazza, M. 23
Martin, M. V. 1
Matthews, J. B. 285
McCartan, B. E. 127
McKenzie, M. R. 201
Mertens, F. 257
Meurman, J. H. 291
Moege, J. 279
Moore, J. 29
Munck-Wikland, E. 65

Negri, E. 17
Neugebauer, W. 279
Nielsen, H. W. 137
Niu, S. 45

Palestro, G. 113
Paterson, A. 151
Piedra Garza, M. de la 221
Pindborg, J. J. 169
Pohle, H.-D. 187
Pomatto, E. 113
Poulsen, H. 35
Prime, S. S. 63, 285
Pyrhönen, S. O. 291

Ramsay, A. D. 99
Ranasinghe, A. W. 147
Rao, R. S. 57, 69
Raubenheimer, E. 295
Reichart, P. A. 187, 209
Reichert, T. 273
Reiffen, K. A. 273
Riches, P. G. 29
Robertson, J. P. 221
Rooney, N. 99
Rossi, N. 23
Ruo Redda, M. G. 153

Sapp, J. P. 131
Saranath, D. 107
Scheie, A. Aa. 307
Schubert, M. M. 243
Schücke, R. 141
Schwartz, J. 9, 313
Scully, C. 63, 155, 215, 225, 285
Shanavas, K. R. 181
Shear, M. 169
Shionoya, N. 319
Shklar, G. 9, 313
Siemssen, S. J. 35
Sleeman, D. J. 151
Sorensen, J. A. 35
Speight, P. 63
Speight, P. M. 303
Steinbeck, R. G. 279
Stevenson-Moore, P. 39
Stewart, K. H. 191
Störkel, S. 273
Succo, G. 153
Syrjänen, S. M. 291

Tabata, M. 209
Tajima, Y. 319
Tan, R. S. 225
Tardy, A. 113
Taylor, A. M. 221
Teerenhovi, L. M. 291
Thomas, S. 251, 265
Torrance, L. K. 63
Tradati, N. 23
Trickler, D. 313

Utsumi, N. 319

Valente, G. 113
Van der Waal, I. 285
Vasudevan, D. M. 181
Vercellino, V. 113
Vijayakumar, T. 181

Wagner, W. 273
Walt, T. van der 295
Warnakulasuriya, K. A. A. S. 147
Willett, W. C. 45
Wilson, A. 265
Witherow, H. 225
Wong, D. T. W. 3
Wong, F. L. W. 201

Yamanaka, N. 103
Yeudall, W. A. 63, 285
Young, A. H. 225

Zheng, T. 45
Zurrida, S. 23

Typeset in Great Britain by Cotswold Typesetting Ltd, Gloucester. Printed by BPCC Wheatons Ltd, Exeter